

PATENT COOPERATION TREATY

10/069608

PCT

NOTIFICATION CONCERNING
DOCUMENT TRANSMITTED

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as designated Office

Date of mailing (day/month/year)

07 March 2002 (07.03.02)

International application No.

PCT/EP01/09988

International filing date (day/month/year)

29 August 2001 (29.08.01)

Applicant

KONINKLIJKE KPN N.V. et al

The International Bureau transmits herewith the following documents and number thereof:

_____ copy(ies) of declaration(s) (Rule 47.1(a-ter))

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

SEYMANY Malathib

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY
PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 402656W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 01/ 09988	International filing date (day/month/year) 29/08/2001	(Earliest) Priority Date (day/month/year) 30/08/2000
Applicant KONINKLIJKE KPN N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

1



None of the figures.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International Application No

EP 01/09988

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/12 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 35805 A (MOBIN FARZAD) 15 July 1999 (1999-07-15)	1-5, 7, 9, 11-13, 15, 16, 26-30, 34, 35
Y	abstract page 5, line 19 -page 6, line 30 page 9, line 9 -page 11, line 26 claims 8, 9, 14	18, 19, 21, 23-25
	---	-/--

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

22 January 2002

Date of mailing of the international search report

29/01/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Peeters, D

INTERNATIONAL SEARCH REPORT

International Application No

EP 01/09988

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 836 301 A (AT & T CORP) 15 April 1998 (1998-04-15) abstract column 6, line 39 -column 8, line 1; figure 1A ---	1-5,7,9, 11-13, 15,17, 26,29, 30,34
X	EP 0 736 989 A (ROOSTER LTD) 9 October 1996 (1996-10-09) abstract column 4, line 40 -column 5, line 20 column 7, line 3 - line 40 column 8, line 36 -column 9, line 21 column 9, line 54 -column 10, line 13 ---	1-5,7,9, 11-13, 15,16, 26-30,34
Y	US 5 737 400 A (BAGCHI DEBASHIS ET AL) 7 April 1998 (1998-04-07) abstract	10,14 22
X	column 6, line 39 - line 50 column 9, line 29 - line 56 column 10, line 31 - line 40; figure 8 ---	10,14, 18,19, 21,23-25
Y	US 5 809 118 A (VESEL RICHARD ET AL) 15 September 1998 (1998-09-15) abstract column 4, line 43 - line 48 column 5, line 25 - line 55 column 8, line 47 -column 9, line 2 column 14, line 1 - line 51 claims 1E,15 -----	16,17, 25-28,34
A		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

EP 01/09988

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9935805	A	15-07-1999	AU	2108999 A		26-07-1999
			WO	9935805 A1		15-07-1999
EP 0836301	A	15-04-1998	US	5905777 A		18-05-1999
			CA	2213889 A1		27-03-1998
			EP	0836301 A1		15-04-1998
			JP	10124417 A		15-05-1998
EP 0736989	A	09-10-1996	EP	0736989 A2		09-10-1996
			JP	9121226 A		06-05-1997
			US	5850519 A		15-12-1998
US 5737400	A	07-04-1998	AU	2138097 A		16-09-1997
			EP	0878083 A1		18-11-1998
			JP	2000505631 T		09-05-2000
			WO	9732425 A1		04-09-1997
US 5809118	A	15-09-1998	CA	2205693 A1		30-11-1997

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 11 JUL 2002

WIPO PCT

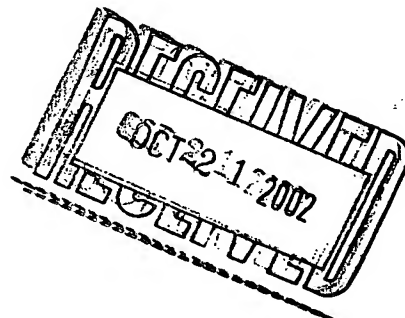
Applicant's or agent's file reference 402656W0	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/EP 01/ 09988	International filing date (day/month/year) 29/08/2001	Priority date (day/month/year) 30/08/2000
International Patent Classification (IPC) or national classification and IPC H04L12/12		
Applicant KONINKLIJKE KPN N.V. et al		


- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This **REPORT** consists of a total of 2 sheets, including this cover sheet.
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consists of a total of _____ sheets.

- This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application



Date of submission of the demand 11/02/2002	Date of completion of this report 04/07/2002
Name and mailing address of the IPEA/  European Patent Office D-80298 Munich Tel. (+49-89) 2399-0, Tx: 523656 epmu d Fax: (+49-89) 2399-4465	Authorized officer HEY S A Tel. (+49-89) 2399 2828



I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

WUYTS, Koenraad Maria
P.O. Box 95321
2509 CH The Hague
NETHERLANDS

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing (day/month/year) 29/01/2002	
Applicant's or agent's file reference 402656WO	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/EP 01/ 09988	International filing date (day/month/year) 29/08/2001
Applicant KONINKLIJKE KPN N.V.	

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90b/s.1 and 90b/s.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Theresia Van Deursen

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?**Letter (Section 205(b)):**

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)".

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Office, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 402656WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.	
International application No. PCT/EP 01/09988	International filing date (day/month/year) 29/08/2001	(Earliest) Priority Date (day/month/year) 30/08/2000
Applicant KONINKLIJKE KPN N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item:

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

CT/EP 01/09988

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/12 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 35805 A (MOBIN FARZAD) 15 July 1999 (1999-07-15)	1-5, 7, 9, 11-13, 15, 16, 26-30, 34, 35
Y	abstract page 5, line 19 -page 6, line 30 page 9, line 9 -page 11, line 26 claims 8, 9, 14	18, 19, 21, 23-25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

S document member of the same patent family

Date of the actual completion of the international search

22 January 2002

Date of mailing of the international search report

29/01/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5018 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Peeters. D

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/09988

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 0 836 301 A (AT & T CORP) 15 April 1998 (1998-04-15)</p> <p>abstract column 6, line 39 -column 8, line 1; figure 1A</p>	<p>1-5,7,9, 11-13, 15,17, 26,29, 30,34</p>
X	<p>EP 0 736 989 A (ROOSTER LTD) 9 October 1996 (1996-10-09)</p> <p>abstract column 4, line 40 -column 5, line 20 column 7, line 3 - line 40 column 8, line 36 -column 9, line 21 column 9, line 54 -column 10, line 13</p>	<p>1-5,7,9, 11-13, 15,16, 26-30,34</p>
Y		10,14
X	<p>US 5 737 400 A (BAGCHI DEBASHIS ET AL) 7 April 1998 (1998-04-07)</p>	22
Y	<p>abstract column 6, line 39 - line 50 column 9, line 29 - line 56 column 10, line 31 - line 40; figure 8</p>	<p>10,14, 18,19, 21,23-25</p>
A	<p>US 5 809 118 A (VESEL RICHARD ET AL) 15 September 1998 (1998-09-15)</p> <p>abstract column 4, line 43 - line 48 column 5, line 25 - line 55 column 8, line 47 -column 9, line 2 column 14, line 1 - line 51 claims 1E,15</p>	<p>16,17, 25-28,34</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 01/09988

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9935805	A	15-07-1999	AU	2108999 A	26-07-1999
			WO	9935805 A1	15-07-1999
EP 0836301	A	15-04-1998	US	5905777 A	18-05-1999
			CA	2213889 A1	27-03-1998
			EP	0836301 A1	15-04-1998
			JP	10124417 A	15-05-1998
EP 0736989	A	09-10-1996	EP	0736989 A2	09-10-1996
			JP	9121226 A	06-05-1997
			US	5850519 A	15-12-1998
US 5737400	A	07-04-1998	AU	2138097 A	16-09-1997
			EP	0878083 A1	18-11-1998
			JP	2000505631 T	09-05-2000
			WO	9732425 A1	04-09-1997
US 5809118	A	15-09-1998	CA	2205693 A1	30-11-1997

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

PCT

To:

WUYTS, Koenraad Maria
KONINKLIJKE KPN N.V.
Intellectual Property Group
P.O. Box 95321
2509 CH Den Haag
PAYS-BAS

NOTIFICATION OF THE INTERNATIONAL
APPLICATION NUMBER AND OF THE
INTERNATIONAL FILING DATE

(PCT Rule 20.5(c))

Date of mailing
(day/month/year)

19.11.01

Applicant's or agent's file reference

402656W0

IMPORTANT NOTIFICATION

International application No.

PCT/EP 01/09988

International filing date (day/month/year)

29/08/2001

Priority date (day/month/year)

30/08/2000

Applicant

KONINKLIJKE KPN N.V.

Title of the invention

1. The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.
2. The applicant is further notified that the record copy of the international application was transmitted to the International Bureau on the above date of mailing.

3. ☒ Other:

Form PCT/RO/106 B+C

* The International Bureau monitors the transmittal of the record copy by the receiving Office and will notify the applicant (with Form PCT/IB/301) of its receipt. Should the record copy not have been received by the expiration of 14 months from the priority date, the International Bureau will notify the applicant (Rule 22.1(c)).

Name and mailing address of the Receiving Office



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040
Fax: (+31-70) 340-3016

Authorized officer

A. HENNINGSEN
Tel.: (070) 340 2956

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/

PCT

CHAPTER II

DEMAND

under Article 31 of the Patent Cooperation Treaty:
The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only

Identification of IPEA		Date of receipt of DEMAND	
Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION		Applicant's or agent's file reference 402656WO	
International application No. PCT/EP01/09988	International filing date (day/month/year) 29 August 2001	(Earliest) Priority date (day/month/year) 30 August 2000	
Title of invention Method and system for personalisation of digital information			
Box No. II APPLICANT(S)			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) Koninklijke KPN N.V. Stationsplein 7 9726 AE GRONINGEN The Netherlands		Telephone No. +31 70 4460678	
		Facsimile No. +31 70 4460840	
		Teleprinter No.	
		Applicant's registration No. with the Office	
State (that is, country) of nationality: NL		State (that is, country) of residence: NL	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SNIP Jan Gerard Van der Capellenstraat 22 2593 XD THE HAGUE The Netherlands			
State (that is, country) of nationality: NL		State (that is, country) of residence: NL	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) RANCURET Arnoldus Johannes Paulus Hugu de Grootstraat 72 2518 EG THE HAGUE The Netherlands			
State (that is, country) of nationality: NL		State (that is, country) of residence: NL	
<input checked="" type="checkbox"/> Further applicants are indicated on a continuation sheet.			

Sheet.No. 2.

International application No.
PCT/EP01/09988

Continuation of Box No. II APPLICANT(S)

If none of the following sub-boxes is used, this sheet should not be included in the demand.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

VAN DE VLAG Hendrik Antonius Bernard
Ijsclubweg 28
2593 HJ THE HAGUE
The Netherlands

State (that is, country) of nationality:
NLState (that is, country) of residence:
NL

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BASTIAANSEN Marc-Jan
Oscarinalaan 398
2287 RM RIJSWIJK
The Netherlands

State (that is, country) of nationality:
NLState (that is, country) of residence:
NL

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

DE GRAAF Wilbert Ludovicus Johanna Maria
p/a Hankemaborg 14
7608 DH ALMELO
The Netherlands

State (that is, country) of nationality:
NLState (that is, country) of residence:
NL

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

State (that is, country) of nationality:

State (that is, country) of residence:

☐ Further applicants are indicated on another continuation sheet.

Sheet No. 3

International application No.
PCT/EP01/09988**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**The following person is ☒ agent ☐ common representativeand ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.Name and address: (Family name followed by given name; for a legal entity, full official designation.
The address must include postal code and name of country.)WUYTS Koenraad Maria
KONINKLIJKE KPN N.V.
P.O. Box 95321
2509 CH THE HAGUE
The Netherlands

Telephone No.

+31 70 4460678

Facsimile No.

+31 70 4460840

Teleprinter No.

Agent's registration No. with the Office

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:***

1. The applicant wishes the international preliminary examination to start on the basis of:

☐ the international application as originally filedthe description ☒ as originally filed☐ as amended under Article 34the claims ☒ as originally filed☐ as amended under Article 19 (together with any accompanying statement)☐ as amended under Article 34the drawings ☒ as originally filed☐ as amended under Article 342. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)). (This check-box may be marked only where the time limit under Article 19 has not yet expired.)

* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: English

☐ which is the language in which the international application was filed.☐ which is the language of a translation furnished for the purposes of international search.☐ which is the language of publication of the international application.☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.**Box No. V ELECTION OF STATES**

The applicant hereby elects all eligible States (that is, all States which have been designated and which are bound by Chapter II of the PCT)

excluding the following States which the applicant wishes not to elect:

Sheet No. 4.

International application No.
PCT/EP01/09988**Box No. VI CHECK LIST**

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- | | | |
|--|---|--------|
| 1. translation of international application | : | sheets |
| 2. amendments under Article 34 | : | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 | : | sheets |
| 4. copy (or, where required, translation) of statement under Article 19 | : | sheets |
| 5. letter | : | sheets |
| 6. other (<i>specify</i>) | : | sheets |

For International Preliminary
Examining Authority use only

received not received

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> fee calculation sheet | 5. <input type="checkbox"/> statement explaining lack of signature |
| 2. <input type="checkbox"/> original separate power of attorney | 6. <input type="checkbox"/> sequence listing in computer readable form |
| 3. <input type="checkbox"/> original general power of attorney | 7. <input type="checkbox"/> other (<i>specify</i>): |
| 4. <input checked="" type="checkbox"/> copy of general power of attorney;
reference number, if any: | |

Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).



K.M. Wuyts

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.

☐ The applicant has been informed accordingly.

4. ☐ The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.

5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

CHAPTER II

PCT

FEE CALCULATION SHEET

Annex to the Demand

International application No. PCT/EP01/09988	For International Preliminary Examining Authority use only
Applicant's or agent's file reference 402656WO	Date stamp of the IPEA
Applicant Koninklijke KPN N.V.	
CALCULATION OF PRESCRIBED FEES	
1. Preliminary examination fee	EUR 1533 P
2. Handling fee (<i>Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.</i>)	EUR 147 H
3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> EUR 1680 </div>
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> TOTAL </div>	
MODE OF PAYMENT	
<input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash
<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps
<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons
<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT <i>(This mode of payment may not be available at all IPEAs)</i>	
<input checked="" type="checkbox"/> Authorization to charge the total fees indicated above.	IPEA/ <u>EPO</u>
<input checked="" type="checkbox"/> <i>(This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit)</i> Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	Deposit Account No.: <u>2 809 0011</u>
	Date: <u>February 7, 2002</u>
	Name: <u>K.M. Wuyts</u>
	Signature:

Kopie für den Bevollmächtigten
To be returned to authoriser
C. déposé au mandataire

**1 ALLGEMEINE VOLLMACHT
GENERAL AUTHORISATION
POUVOIR GENERAL**

AP-NE (Bitte bei jeder Korrespondenz angeben)
GA No. (please quote in all correspondence)
PG n° (prérez de mentionner dans toute correspondance)

21396 (rev)

2 Ich (Wir) / I (We) / Je (Nous)

KONINKLIJKE KPN N.V.

Stationsplein 7

9726 AE GRONINGEN

The Netherlands

Ich (Wir) ermächtige(n) hiermit (wir) hereby authorised / autorise (autorisé) par la présente

WUYTS, Koenraad Maria (Professional Representative)

KRUK, Wiggert Johan (Professional Representative)

Mailing address: KONINKLIJKE KPN N.V.

Intellectual Property Group

P.O. Box 95321

2500 CH THE HAGUE

The Netherlands

4 mich (uns) in den durch das Europäische Patentübereinkommen geschaffenen Verfahren in allen meinen (unsern) Patentangelegenheiten zu vertreten, alle Forderungen für mich (uns) vorzutunehmen und Zahlungen für mich (uns) in Empfang zu nehmen.

to represent me (us) in all proceedings established by the European Patent Convention and to act for me (us) in all patent transactions and to receive payments on my (our) behalf.

A moi (nous) représenter dans ce qui concerne toutes mes (nos) affaires de brevet dans toute procédure instituée par la Convention sur le brevet européen et, à ce titre, à agir en mon (notre) nom et à recevoir des paiements pour moi (nous) compte.

☒ Die Vollmacht gilt auch für Verfahren nach dem Vertrag über die Internationale Zusammenarbeit auf dem Gebiet des Patentwesens.
This authorisation shall also apply to the same extent to any proceedings established by the Patent Cooperation Treaty.
Ce pouvoir s'applique également à toute procédure instituée par le Traité de coopération en matière de brevets.

☐ Weitere Vertreter sind auf einem gesonderten Blatt angegeben. / Additional representatives indicated on supplementary sheet.
Les autres mandataires sont mentionnés sur une feuille supplémentaire.

5 ☒ Untervollmacht kann erteilt werden. / Sub-authorisation may be given. / Le pouvoir pourra être délégué.

6 ☒ Bitte die gelbe Kopie, ergänzt um die Nr. der allgemeinen Vollmacht, an den Vollmachtgeber zurückzusenden.
Please return the yellow copy, supplemented by the General Authorisation No., to the authoriser.
Prérez de renvoyer la copie jaune au mandant, munie du n° du pouvoir général.

Ort/Place/Lieu The Hague

Datum / Date

April 10, 2001

Unterschrift(en) / Signature(s)

WUYTS, Koenraad Maria (Professional Representative)

7 Das Formblatt muß vom (von dem) Vollmachtgeber(n) (bei juristischen Personen vom Unterschriftsberechtigten) eigenhändig unterschrieben sein. Nach der Unterschrift bitte den (die) Namen des (der) Unterzeichneten mit Schreibmaschine wiederholen (bei juristischen Personen die Stellung des Unterschriftsberechtigten innerhalb der Gesellschaft angeben).

The form must bear the personal signature(s) of the authoriser(s) (in the case of legal persons, that of the authorised person).



REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
PCT 01/09988	
International Application No.	
29 AUG 2001 (29.08.01)	
International Filing Date	
EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum) 402656WO	

Box No. I TITLE OF INVENTION	
Method and system for activation of a local terminal	
Box No. II APPLICANT <input type="checkbox"/> This person is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	
KONINKLIJKE KPN N.V. Stationsplein 7 9726 AE GRONINGEN The Netherlands	
Telephone No. +31 70 4460678	
Facsimile No. +31 70 4460840	
Teleprinter No.	
Applicant's registration No. with the Office	
State (that is, country) of nationality: NL	State (that is, country) of residence: NL
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	
SNIP Jan Gerard Van der Capellenstraat 22 2593 XD THE HAGUE The Netherlands	
This person is: <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)	
Applicant's registration No. with the Office	
State (that is, country) of nationality: NL	State (that is, country) of residence: NL
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<input checked="" type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)	
WUYTS Koenraad Maria P.O. Box 95321 2509 CH THE HAGUE The Netherlands	
Telephone No. +31 70 4460678	
Facsimile No. +31 70 4460840	
Teleprinter No.	
Agent's registration No. with the Office	
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

RO/EP

Sheet No. 2...

Continuation of Box No. I. FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

If none of the following sub-boxes is used, this sheet should not be included in the request.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

RANCURET Arnoldus Johannes Paulus
Hugo de Grootstraat 72
2518 EG THE HAGUE
The Netherlands

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

NL

State (that is, country) of residence:

NL

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

VAN DE VLAG Hendrik Antonius Bernard
Ijclubweg 28
2593 HJ THE HAGUE
The Netherlands

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

NL

State (that is, country) of residence:

NL

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BASTIAANSEN Marc-Jan
Oscarinalaan 398
2287 RM RIJSWIJK
The Netherlands

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

NL

State (that is, country) of residence:

NL

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

DE GRAAF Wilbert Ludovicus Johanna Maria
p/a Hankemaborg 14
7608 DH ALMELO
The Netherlands

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

NL

State (that is, country) of residence:

NL

This person is applicant for the purposes of:

☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

Sheet No. 3

Box No. V DESIGNATION STATES

Mark the applicable check-boxes below. At least one must be marked.

The following designations are hereby made under Rule 4.9(a):

Regional Patent

- ☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP European Patent:** AT Austria, BE Belgium, CH & LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (If other kind of protection or treatment desired, specify on dotted line) GR

National Patent (if other kind of protection or treatment desired, specify on dotted line):

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> AE United Arab Emirates | <input checked="" type="checkbox"/> GH Ghana | <input checked="" type="checkbox"/> MX Mexico |
| <input checked="" type="checkbox"/> AG Antigua and Barbuda | <input checked="" type="checkbox"/> GM Gambia | <input checked="" type="checkbox"/> MZ Mozambique |
| <input checked="" type="checkbox"/> AL Albania | <input checked="" type="checkbox"/> HR Croatia | <input checked="" type="checkbox"/> NO Norway |
| <input checked="" type="checkbox"/> AM Armenia | <input checked="" type="checkbox"/> HU Hungary | <input checked="" type="checkbox"/> NZ New Zealand |
| <input checked="" type="checkbox"/> AT Austria | <input checked="" type="checkbox"/> ID Indonesia | <input checked="" type="checkbox"/> PL Poland |
| <input checked="" type="checkbox"/> AU Australia | <input checked="" type="checkbox"/> IL Israel | <input checked="" type="checkbox"/> PT Portugal |
| <input checked="" type="checkbox"/> AZ Azerbaijan | <input checked="" type="checkbox"/> IN India | <input checked="" type="checkbox"/> RO Romania |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina | <input checked="" type="checkbox"/> IS Iceland | <input checked="" type="checkbox"/> RU Russian Federation |
| <input checked="" type="checkbox"/> BB Barbados | <input checked="" type="checkbox"/> JP Japan | |
| <input checked="" type="checkbox"/> BG Bulgaria | <input checked="" type="checkbox"/> KE Kenya | <input checked="" type="checkbox"/> SD Sudan |
| <input checked="" type="checkbox"/> BR Brazil | <input checked="" type="checkbox"/> KG Kyrgyzstan | <input checked="" type="checkbox"/> SE Sweden |
| <input checked="" type="checkbox"/> BY Belarus | <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea | <input checked="" type="checkbox"/> SG Singapore |
| <input checked="" type="checkbox"/> BZ Belize | <input checked="" type="checkbox"/> KR Republic of Korea | <input checked="" type="checkbox"/> SI Slovenia |
| <input checked="" type="checkbox"/> CA Canada | <input checked="" type="checkbox"/> KZ Kazakhstan | <input checked="" type="checkbox"/> SK Slovakia |
| <input checked="" type="checkbox"/> CH & LI Switzerland and Liechtenstein | <input checked="" type="checkbox"/> LC Saint Lucia | <input checked="" type="checkbox"/> SL Sierra Leone |
| <input checked="" type="checkbox"/> CN China | <input checked="" type="checkbox"/> LK Sri Lanka | <input checked="" type="checkbox"/> TJ Tajikistan |
| <input checked="" type="checkbox"/> CO Colombia | <input checked="" type="checkbox"/> LR Liberia | <input checked="" type="checkbox"/> TM Turkmenistan |
| <input checked="" type="checkbox"/> CR Costa Rica | <input checked="" type="checkbox"/> LS Lesotho | <input checked="" type="checkbox"/> TR Turkey |
| <input checked="" type="checkbox"/> CU Cuba | <input checked="" type="checkbox"/> LT Lithuania | <input checked="" type="checkbox"/> TT Trinidad and Tobago |
| <input checked="" type="checkbox"/> CZ Czech Republic | <input checked="" type="checkbox"/> LU Luxembourg | <input checked="" type="checkbox"/> TZ United Republic of Tanzania |
| <input checked="" type="checkbox"/> DE Germany | <input checked="" type="checkbox"/> LV Latvia | <input checked="" type="checkbox"/> UA Ukraine |
| <input checked="" type="checkbox"/> DK Denmark | <input checked="" type="checkbox"/> MA Morocco | <input checked="" type="checkbox"/> UG Uganda |
| <input checked="" type="checkbox"/> DM Dominica | <input checked="" type="checkbox"/> MD Republic of Moldova | <input checked="" type="checkbox"/> US United States of America |
| <input checked="" type="checkbox"/> DZ Algeria | | |
| <input checked="" type="checkbox"/> EC Ecuador | <input checked="" type="checkbox"/> MG Madagascar | <input checked="" type="checkbox"/> UZ Uzbekistan |
| <input checked="" type="checkbox"/> EE Estonia | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia | <input checked="" type="checkbox"/> VN Viet Nam |
| <input checked="" type="checkbox"/> ES Spain | <input checked="" type="checkbox"/> MN Mongolia | <input checked="" type="checkbox"/> YU Yugoslavia |
| <input checked="" type="checkbox"/> FI Finland | <input checked="" type="checkbox"/> MW Malawi | <input checked="" type="checkbox"/> ZA South Africa |
| <input checked="" type="checkbox"/> GB United Kingdom | | <input checked="" type="checkbox"/> ZW Zimbabwe |
| <input checked="" type="checkbox"/> GD Grenada | | |
| <input checked="" type="checkbox"/> GE Georgia | | |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet No. ... 4 ...

Box No. VI. PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application: regional Office	international application: receiving Office
item (1) 30 August 2000 (30.08.2000)	1016053	NL		
item (2) 13 September 2000 (13.09.2000)	1016167	NL		
item (3) 24 January 2001 (24.01.2001)	1017189	NL		
item (4)				
item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items ☐ item (1) ☐ item (2) ☐ item (3) ☐ item (4) ☐ item (5) ☐ other, see Supplemental Box

* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): . . .

Box No. VII. INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / EPO

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

5 March 2001

SN 3581

NL

Box No. VIII. DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of
declarations

- ☐ Box No. VIII (i) Declaration as to the identity of the inventor :
- ☐ Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :
- ☐ Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :
- ☐ Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) :
- ☐ Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :

will follow

Sheet No. 4/1

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: NL 1016053 30/08/2000; NL 1016167 13/09/2000; NL 1017189 24/01/01

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


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Date: 3-9-2001
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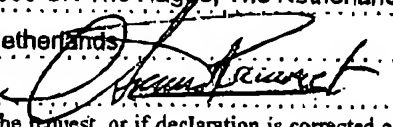
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Inventor's Signature: 
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02.10.01

Sheet No. 4/2

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**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

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Prior Applications: NL 1016053 30/08/2000; NL 1016167 13/09/2000; NL 1017189 24/01/01

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Date: 10 sept 2001
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Sheet No.

4/3

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
 The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of Inventorship (Rules 4.17(iv) and 51b1(a)(iv))
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09.10.2001

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

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Prior Applications: NL 1016053 30/08/2000; NL 1016167 13/08/2000; NL 1017189 24/01/01

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Date: Sept. 24, 2001
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Citizenship: The Netherlands

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 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

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Sheet No. 5

Box No. IX CHECK LIST LANGUAGE OF FILING

This international application contains:

(a) the following number of sheets in paper form:

request (including declaration sheets) [8] 5⁴
 description (excluding sequence listing part) 8
 claims 4
 abstract 1
 drawings 6

Sub-total number of sheets: [27] 24⁴

sequence listing part of description (actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (b) below)

Total number of sheets: 24⁴

(b) sequence listing part of description filed in computer readable form

- (i) ☐ only (under Section 801(a)(i))
 (ii) ☐ in addition to being filed in paper form (under Section 801(a)(ii))

Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column):

Figure of the drawings which should accompany the abstract: 1

This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):

Number of items

1. ☒ fee calculation sheet
 2. ☐ original separate power of attorney
 3. ☐ original general power of attorney
 4. ☒ copy of general power of attorney; reference number, if any:
 5. ☐ statement explaining lack of signature
 6. ☒ priority document(s) identified in Box No. VI as item(s): 3
 7. ☐ translation of international application into (language):
 8. ☐ separate indications concerning deposited microorganism or other biological material
 9. ☐ sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))
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 10. ☐ other (specify): Search report

Language of filing of the international application:

English

Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Need to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

WUYTS Koenraad Maria

1. Date of actual receipt of the purported international application:		For receiving Office use only		2. Drawings:	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		29 AUG 2001 (29.08.01)		<input checked="" type="checkbox"/> received:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):				<input type="checkbox"/> not received:	
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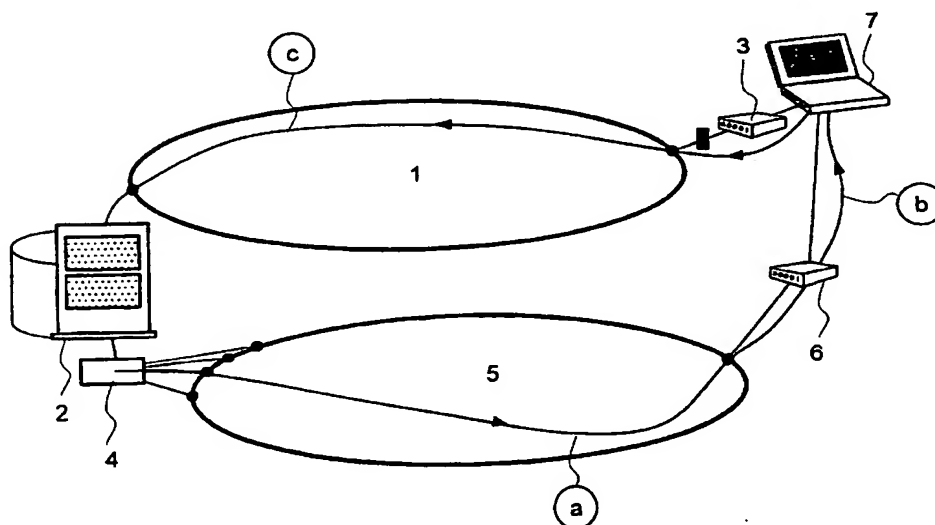
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(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR ACTIVATION OF A LOCAL TERMINAL



(57) Abstract: System and method for activating a local terminal (7) connectable to a first network (1). A local activation module (6) is connected to a second network (5) on the one hand and to the local terminal on the other hand and activates the terminal after receiving an activation code. The activation module also activates a connection between the local terminal and the server, while the server further activates the terminal. If the second network (5) passes on to the activation module (6) an identifier (CLI) of the node via which the server (2) connects to the second network, the activation module can record the identifier and the activation module can activate the terminal in various ways in accordance with the value of the recorded identifier. The server (2) can connect to the network via nodes with different identifiers. The first and second network can form part of the same network.



patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

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Published:

— with international search report

Method and system for activation of a local terminal

FIELD OF THE INVENTION

The invention relates to a method and a system for activating a local terminal
5 connectable to a first network.

BACKGROUND AND PROBLEM DEFINITION

It is known that the server of, for example, an "Internet Service Provider" (ISP) can
announce to a user who is logging in or has already logged in that there is new e-mail,
10 news, or other items for that user. Another possibility is that the user, after logging in to
the server, asks if any new items have arrived. Alternatively, an ISP or other server can
activate the local terminal in some other way. For example, the ISP can update software
or databases present in the terminal, send out recent news reports, etc.

All this is, however, only possible if there is an actual connection with the server. If a
15 user wishes to be notified as soon as any new mail etc. arrives on the server, this is only
possible if there is a continuous or very frequently established connection with the
server. If the connection runs via e.g. a PSTN or an ISDN connection, which is not
usually continuously open, this means that the user must regularly establish a
connection in order to check whether any mail, messages, updates, etc. are present on
20 the server. Since this will often not be the case, however, this procedure is both
inefficient and costly both for the users and for the service provider. Of course, keeping
a connection open continuously is even more expensive for residential and small
business users.

25 SUMMARY

In order to overcome the above-mentioned problems, the invention provides a method
and a system whereby - in brief - a "Non-permanently Accessible Terminal" (NAT) is
activated by a server via a "Permanently Accessible Terminal" (PAT).

The method for the activation of a local ("Non-permanently Accessible") terminal
30 connectable to a first network can comprise, according to the invention, the following
steps:

1.a. the server transmits via a second network an activation code to a local
("Permanently Accessible") activation module which is connected to the second

network on the one hand and to the local terminal on the other hand;

1. b after receiving an activation code, the activation module activates the terminal. On receiving the activation code, the PAT, which is permanently accessible via the first network (e.g. PSTN or ISDN), "wakens", as it were, the NAT, which is not permanently accessible via the first network (e.g. the internet). After having been "awoken", the NAT can perform further actions, depending on how the NAT is programmed. The activation module or PAT can, for example, activate a connection, via the first network, between the local terminal or NAT and the server, after which the server can in turn further activate the terminal or NAT.

10 The activation by the PAT can also be made dependent on the "Calling Line Identifier" (CLI) or other node identifier which the server uses in its connection with the activation module.

If the second network passes on to the activation module the CLI of the node via which the server connects to the second network, the activation module records the CLI and activates the terminal in accordance with the value of the recorded CLI. Thus the CLI value received by the PAT here determines the behaviour of the NAT.

15 For activation of the NAT in a variety of ways, the server can connect to the second network via various nodes with different CLIs, which can enable the server to set the behaviour of the NAT, activated via the PAT, by specifically using either one or the other network node of e.g. the PSTN or ISDN.

20 The PAT can be implemented as hardware (a box) as well as software (on a computer, that might be the NAT) as long as it is able to be connected to the second network and to receive the activation code of the server. If the PAT is software implemented and the user does not have his device on which the software runs (e.g. the NAT) on then it is of no use to send an alert. One way to deal with this problem is to allow the end user to configure during which times he wishes to receive alerts. It is then the responsibility of the end user to ensure that the PC is on during these times in order to receive the alerts. Another option is that the user can toggle his virtual online status with one mouse click. A call is then made from the end user to the call server which uses CLI to identify the end user. The virtual online status of the end user can then be toggled from virtual online to virtual offline, or vice versa. In this way the end user can signal when he is ready to receive alerts and when not. The platform will keep track of the virtual online status and will only send alerts if the user is virtually online.

The NAT might be any kind of apparatus such as a personal computer, a laptop, a phone (wired as well as wireless) etc. as long as it is able to receive activation signals or code from the PAT and can be connected to the first network.

5 The activation code can, in addition to the activation code itself, also comprise a message that is sent by the server to the activation module and that can be read by the terminal, after having been activated, independently of whether the terminal is connected to the second network or not. A message of this kind could be a notification message to the effect that, for example, a (longer) message, e.g. an SMS or e-mail message, is waiting in the server to be read by the user of the terminal. It is not,
10 however, necessarily a notification message (indicating the presence of a longer message in the server); the activation code can also comprise a complete message (for example an SMS). This option is particularly applicable if the first network is an ISDN network. The user can read the message as soon as the terminal has been activated, without first having to make a connection to the second network (e.g. the internet).
15 The invention will now be described in more detail with reference to a working example of a system architecture which is suitable for performing the method according to the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

20

Fig.1 shows a schematic example of the system architecture according to a first embodiment of the invention.

Fig.2 shows a schematic example of the system architecture including an ISP according to a second embodiment of the invention.

25 Fig.3 shows an example of the system architecture including a possible extended application of controlling devices according to a third embodiment of the invention.

Figs.4A-D show a detailed example of elements of an embodiment of a platform according to the invention.

30

DESCRIPTION

For the purpose of teaching the invention, preferred embodiments of the method and devices of the invention are described in the sequel. It will be apparent to the person

skilled in the art that other alternative and equivalent embodiments of the invention can be conceived and reduced to practice without departing from the true spirit of the invention, the scope of the invention being only limited by the claims as finally granted. Figure 1 shows a system for activating a local "Non-permanently Accessible" terminal 7 connectable to a first network 1, e.g. the internet. A local "Permanently Accessible" activation module 6 is connected to a second network 5 (e.g. PSTN or ISDN) on the one hand and to the local terminal 7 on the other hand, which activation module, after receiving an activation code (a), activates the terminal 7 (b). This activation can refer to a variety of things, for example control via the terminal of (household) equipment, etc. (see figure 3). In particular, however, the activation module 6 (subsequently) activates a connection between the local terminal 7 and a server 2 (c) via the first network 1, which server 2 further activates or controls or communicates with the terminal. The second network 5 passes on to the activation module 6 the identifier ("Calling Line Identifier" - CLI) of the node via which the server 2 connects to the second network. The activation module 6 records this identifier (CLI) and activates the terminal 7 in accordance with the value of the CLI.

The server 2 comprises means, represented by selection means 4, for - via various network nodes, each with different identifiers (CLIs) - connecting to the second network, with the aim of activating the activation module 6 and indirectly the terminal 7 in various ways, in accordance with the value of the CLI recorded by the activation module.

The first network 1 and the second network 5 can in principle be completely separate networks. The first network 1 and the second network 5 can, however, also belong (in part) to the same network. In general, this latter possibility is usually the case: for residential use, the internet 1 is usually accessed via a PSTN or ISDN connection, via a PSTN or ISDN modem 3 and an ISP.

Figure 2 shows a situation involving an ISP 8. In addition, the modem 3 and the activation module 6 are combined into one unit incorporating both functions. The operation is preferably identical to that of figure 1; the connection between the server 2 and the terminal 7, however, runs via an ISP server 8 connected to the PSTN or ISDN on the one hand and to the IP network 1 on the other hand, which server can be selected by the terminal 7 via the PSTN or ISDN 5.

Figure 3 illustrates some additional aspects of the invention. The terminal 7 can be used for controlling e.g. household equipment, represented by devices 11. These devices 11 can be controlled independently by the terminal (PC) 7, but can also be co-controlled from the activation module 6 (which can be set via the CLIs) or a server or external computer connected to the internet 1, for example the server 2. This server 2 can also, in turn, be controlled from, for example, a telephone set 12 - via the network 5 - or an external terminal 13, enabling the user to connect to the server 2 and pass on control parameters to it, in order thereby to influence the operation of the activation module 6 or the terminal 7.

Via the network 5 the module 6 therefore makes a connection between a terminal 7 and the server 2, for which purpose module 6 (not explicitly shown) comprises means for receiving an activation code (a) from the server 2 and subsequently activating the terminal 7, preferably in accordance with the value of the received activation code. In the embodiment shown, the value of the activation code comprises an identifier (CLI) of the network node 9 used by the server 2. Furthermore, it is also possible that the module 6 comprises means for detecting a terminal-status code (d), relating to the status of the terminal 7, and for passing on this status code via the network 5 to the server 2. In particular, it is envisaged that the status code indicates whether the terminal is active ("on") or inactive ("off"), so that the server 2 knows whether it can or cannot send a message to the terminal. Such a message has in particular the form of an "alert" or notification message that, after the server 2, on the basis of the latest terminal status code, knows that the terminal 7 is "on", can be sent via the activation module 6 to the terminal 7. Such an "alert" can therefore be sent via the network 5 without the terminal 7 being connected to the first network, e.g. the internet 1. The advantage of this is, amongst other things, that it eliminates the need for the rather lengthy log-in procedure to the ISP 8 for access to the internet, while it is still possible to receive (short) messages from the server 2. These messages can - in particular if the network 5 is an ISDN network - be not only "alert" messages, but also SMS messages, known in particular from mobile telephony. These messages can be sent to the server 2 either by users 12,13 of network 5 or by users of the first network, e.g. the internet 1. The server 2 then sends with the activation code either a notification message or the SMS message itself to the module 6 and via this module to the activated terminal 7.

An example of the elements of an embodiment of a platform according to the invention will be shown and briefly described in relation to figure 4. The platform might comprise the following elements:

1. SMPT server
- 5 2. Voicemail server
3. HTTP/chat server
4. Client database
5. Alert server
6. Call server
- 10 7. Activation module and/or activation software

Some of these elements are shown in the embodiment of the platform in fig.4A-D. Whenever there is a new voicemail waiting for a subscriber to the service according to the invention the voicemail server 14 in fig. 4A might send the telephone number (e.g. 070-3755660) to the alert server 15 in fig. 4B. Moreover a chatter might be requesting an off line chat buddy to join in a chat session. The offline chat buddy might be identified by an e-mail adress (e.g. jan@hetnet.nl). This e-mail adress is forwarded by a chat server 16 in fig. 4A to the alert server 15. In a client database 17 (fig. 4B) client information 18 might be stored such as e-mail adress, telephone number and whether the client is a subscriber to the service. The alert server 15 translates an incoming alert with e-mail adress to the appropriate alert telephone number and client telephone number. For the latter the client database 17 is used. Both telephone numbers are forwarded to a call server 19 as shown in fig. 4C. The alert telephone number corresponding to an e-mail or chat alert might be configurable. The call server 19 calls to a client telephone number from an alert telephone number and hangs up immediately to avoid incurring call setup charges. Using e.g. the calling line identifier (CLI), the calling (alert) telephone number is identified allowing the appropriate alert message to be displayed , either as a LED 20 on the activation module 21 or as a popup 22 on a pc 23 as shown in fig. 4D. The activation module 21 might be a caller display device using CLI to identify the callers number. Each LED 20 on the activation module 21 can be programmed to light up in response to a particular caller. The LCD screen might show

the callers number. In addition the activation module might have voicemail LED which might light up whenever a telephone call is not answered. The popup 22 on the pc 23 might display alert messages in response to certain caller numbers. With e.g. one mouse click users can respond to an alert automatically resulting in the pc 23 going online to
5 the correct webpage. The caller numbers and the corresponding alert messages can be (re)programmed or synchronised by e.g. the ISP when the client is online.

The service or services that might be provided by the method and system according to the invention are, above the services already described above, numerous. To summarise
10 partly and extend these services might comprise amongst other ones:

- Filtered e-mail alerts, the end user can specify the senders of e-mail which will trigger an alert and which senders will not.
- Web event alerts, the platform according to the invention is suitable for sending alerts to end users for a variety of Internet events such as live concerts, interviews
15 and chat sessions.
- Game alerts, end users playing online games can receive alerts in response to interesting game events.
- VoIP, according to the invention alerts can facilitate the introduction of the VoIP service allowing end users to 'call' each other.
- 20 • Personalised alert, end users can specify themselves for which events they wish to receive alerts.
- Third party alerts, the operator of the platform according to the invention might allow third parties to develop and deploy new alert services.
- Mobile alerts, the platform according to the invention can send alerts to mobile
25 phones.
- Screenphone alerts, next generation telephones can be integrated with the alert services according to the invention.
- SMS for fixed telephony, the platform according to the invention can be extended to enable SMS messages to be sent to end users over the fixed telephone network.

- Home connect, end users can remotely bring their PC online and thus access their files and applications.
- Home device control, end users can bring their home environment online and remotely access their household appliances such as videos, washing machines and thermostats.

CLAIMS

1. Method for activating a local terminal (7) connectable to a first network (1), characterized by the steps:
 - a. a server transmits via a second network (5) an activation code to a local activation module (6) which is connected to the second network (5) on the one hand and to the local terminal on the other hand;
 - b. after receiving the activation code, the activation module activates the terminal.
2. Method according to claim 1, characterized by the steps:
 - a. the activation module also activates a connection between the local terminal and the server, via the first network;
 - b. the server further activates the terminal.
3. Method according to claim 1, characterized in that the activation code also comprises a message that is sent by the server (2) with the activation code to the activation module (6) and that can be read by the terminal (7), after having been activated by the activation module.
4. Method according to claim 3, characterized in that the message is a notification message.
5. Method according to claim 4, characterized in that the notification message relates to a message that is waiting in the server (2) to be read by the user of the terminal.
6. Method according to claim 5, characterized in that the message waiting in the server (2) is an SMS message.
7. Method according to claim 5, characterized in that the message waiting in the server (2) is an e-mail message.
8. Method according to claim 3, characterized in that the message is an SMS message.
9. Method for activating a local terminal (7) connectable to a first network (1) whereby a second network (5) passes on to an activation module (6) an identifier of a node via which a server (2) connects to the second network, characterized by the steps:
 - a. the activation module records the said identifier;
 - b. the activation module activates the terminal in accordance with the value of the recorded identifier.
10. Method according to claim 9, characterized in that the server (2), for activation of the terminal in a variety of ways, connects to the second network via various nodes,

each with different identifiers.

11. System for activating a local terminal (7) connectable to a first network (1), characterized by a local activation module (6) which is connected to a second network (5) on the one hand and to the local terminal on the other hand, which activation module activates the terminal after receiving an activation code.
12. System according to claim 11, characterized in that the activation module also activates a connection between the local terminal and the server, via the first network, which server further activates the terminal.
13. System according to claim 11, whereby the second network (5) passes on to the said activation module (6) the identifier of the node via which the server (2) connects to the second network, characterized in that the activation module records the said identifier and the activation module activates the terminal in accordance with the value of the recorded identifier.
14. System according to claim 13, characterized in that the server (2) comprises means for connecting to the second network via various nodes, each with different identifiers, with the aim of activating the terminal in various ways, in accordance with the value of the identifier recorded by the activation module.
15. System according to claim 11, characterized in that the first network and the second network are separate networks.
16. System according to claim 11, characterized in that the first network and the second network are constituted by at least partially the same network.
17. System according to claim 11, characterized in that the server (2) comprises means for making connection with an external terminal (12,13) or server and being controlled by that external terminal or server on the basis of control parameters.
18. System according to claim 11 or 17, characterized in that the local terminal (7) controls further devices (11).
19. System according to claim 11 or 17, characterized in that the activation module (6) or server (2) controls the further devices.
20. System according to claim 19, characterized in that the activation module (6) and/or the local terminal (7) are integrated within the further devices.
21. System according to claims 18-20, characterized in that the further devices (11) are domestic devices.

22. Server (2), characterized in that it comprises selection means (4) for activation in various ways of a local terminal (7) connected to a first network by connecting to a second network various network nodes (9) each with a different identifier.

5 23. Server according to claim 22, characterized in that the first network and the second network are separate networks.

24. Server according to claim 22, characterized in that the first network and the second network form are constituted by at least partially the same network.

25. Server according to claim 22, characterized in that it comprises means for making a
10 connection to an external terminal (12,13) or server and being controlled by that external terminal or server on the basis of control parameters.

26. Module (6) for making a connection between a terminal (7) and a server (2) via a
15 network (5), characterized by means for receiving an activation code (a) from the server (2) followed by activation of the terminal (7).

27. Module according to claim 26, characterized in that the said means activate the terminal in accordance with the value of the received activation code.

28. Module according to claim 26, characterized in that the value of the received
20 activation code comprises an identifier (CLI) of a network node (9).

29. Module according to claim 26, characterized in that the activation code also comprises a message and the module comprises means for passing on that message to the terminal.

30. Module according to claim 29, characterized in that the message is a notification
25 message that relates to a message stored in the server (2).

31. Module according to claim 29, characterized in that the message is an SMS message.

32. Module according to claim 26, characterized by means for detecting a terminal-status code (d), relating to the status of the terminal (7) and the passing on of that status
30 code via the network (5) to the server (2).

33. Module according to claim 32, characterized in that the status code indicates whether the terminal is active or inactive.

34. Module according to one of the preceding claims 26-33 characterized in that the

module is implemented as hardware.

35. Module according to one of the preceding claims 26-33 characterized in that the module is implemented as software.

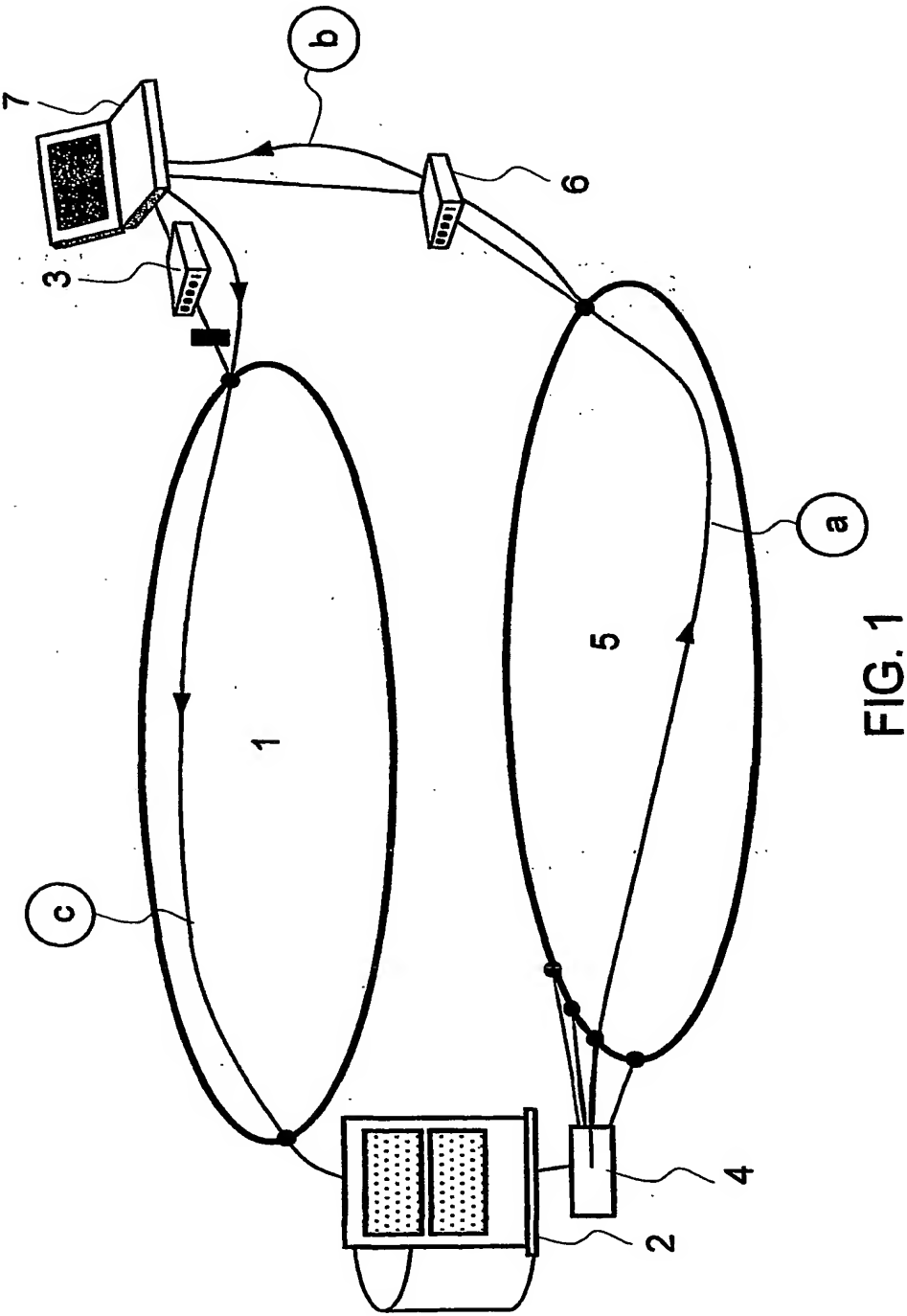


FIG. 1

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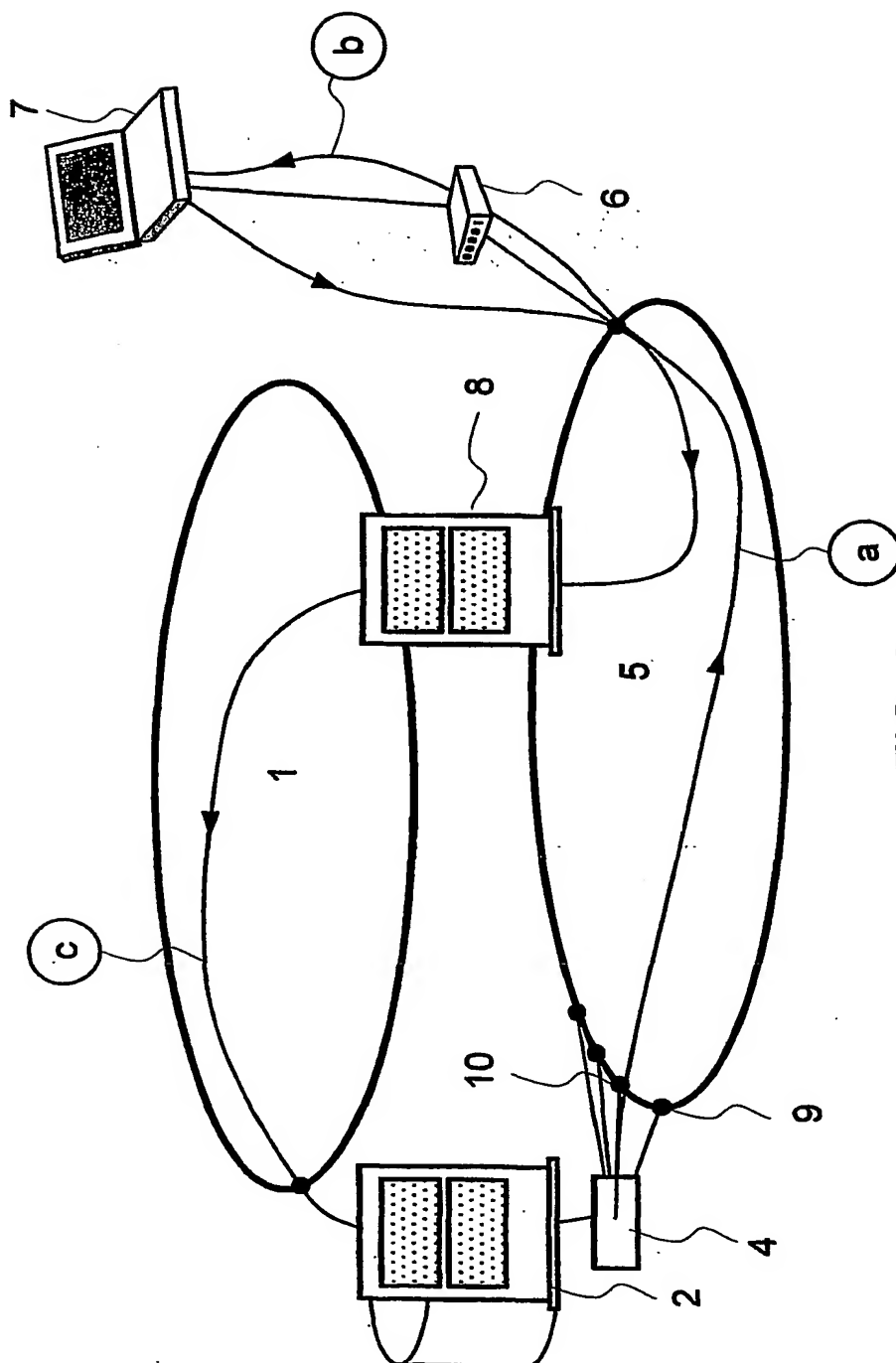


FIG. 2

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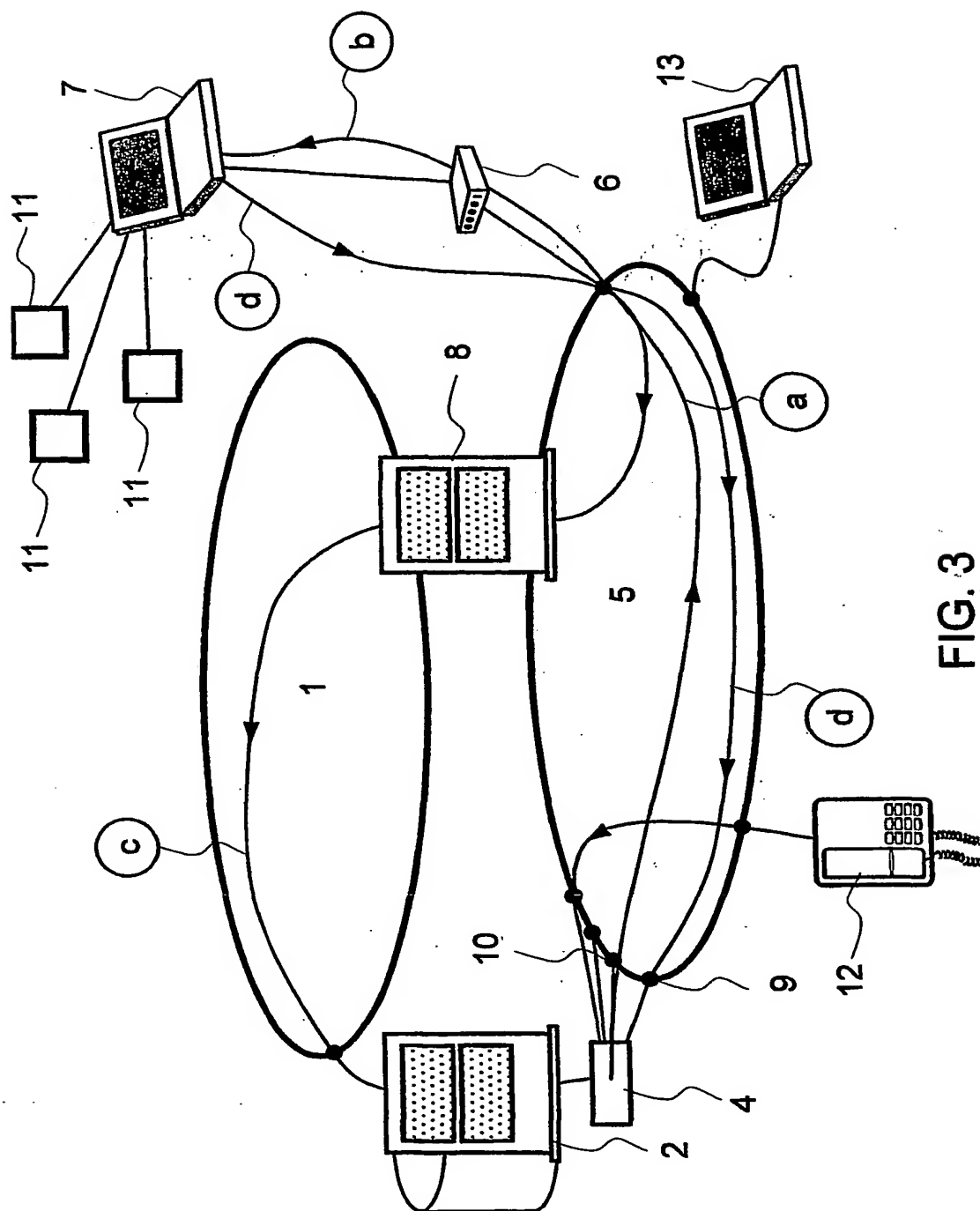


FIG. 3

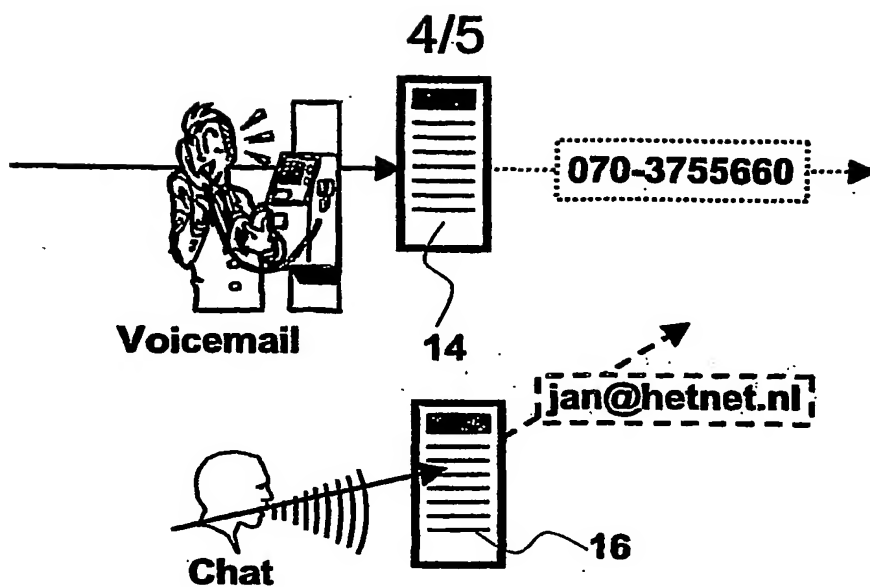


FIG. 4a

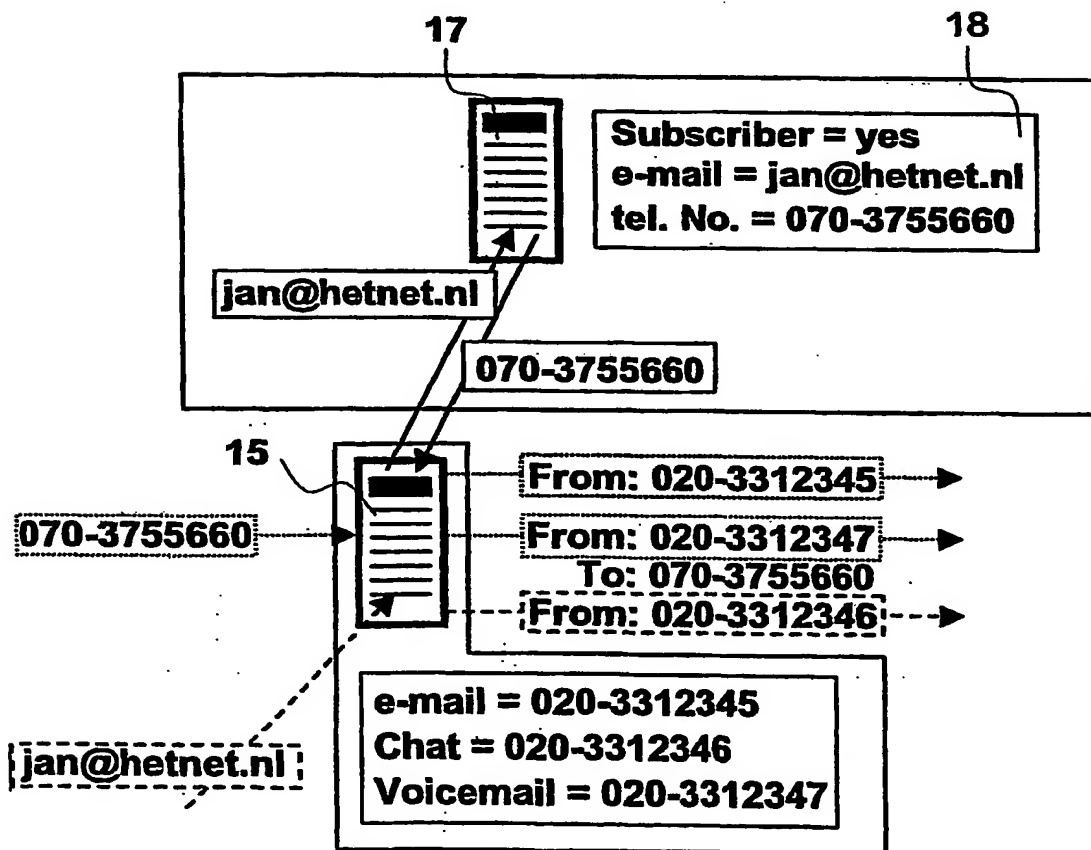


FIG. 4b

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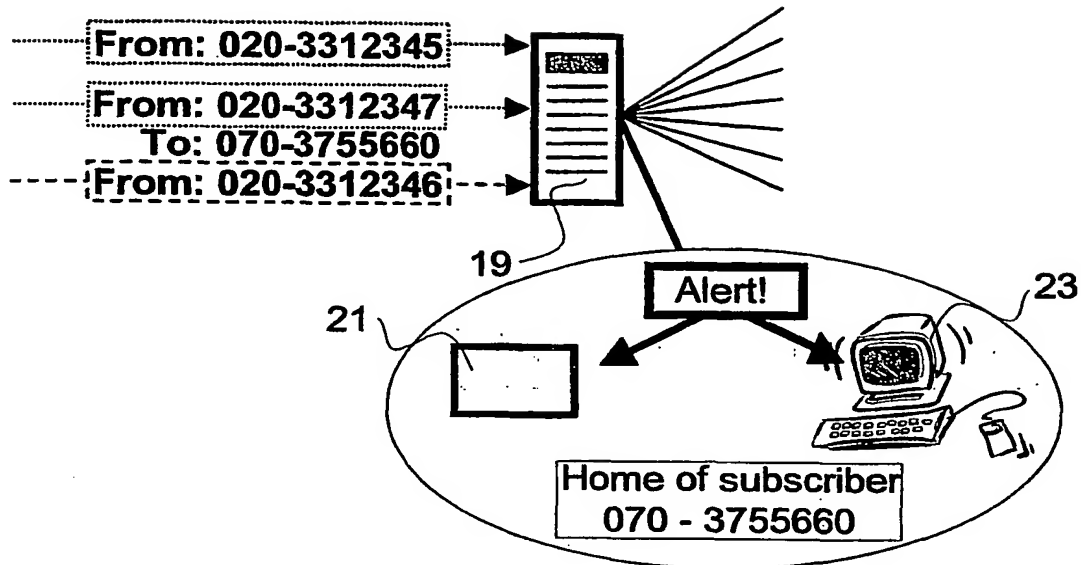


FIG. 4c

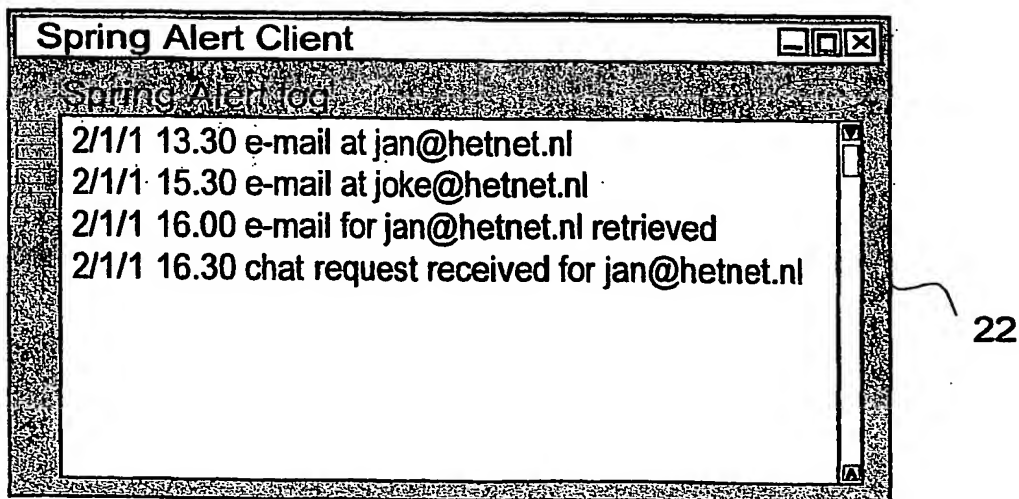
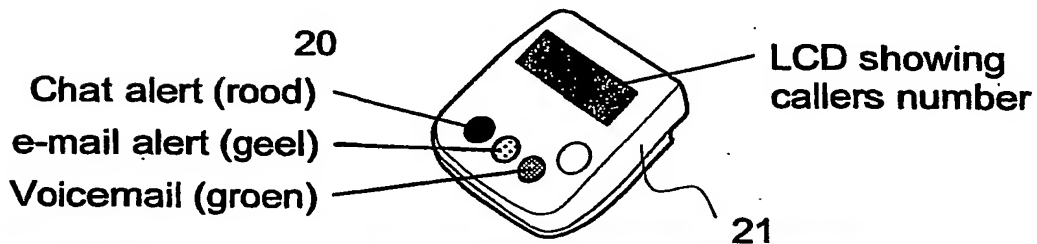


FIG. 4d

INTERNATIONAL SEARCH REPORT

Inte Application No

PCT/EP 01/09988

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/12 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 35805 A (MOBIN FARZAD) 15 July 1999 (1999-07-15)	1-5,7,9, 11-13, 15,16, 26-30, 34,35
Y	abstract page 5, line 19 -page 6, line 30 page 9, line 9 -page 11, line 26 claims 8,9,14 --- -/-	18,19, 21,23-25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- * & * document member of the same patent family

Date of the actual completion of the international search

22 January 2002

Date of mailing of the international search report

29/01/2002

Name and mailing address of the ISA

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Peeters, D

INTERNATIONAL SEARCH REPORT

Inte Application No

PCT/EP 01/09988

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 836 301 A (AT & T CORP) 15 April 1998 (1998-04-15) abstract column 6, line 39 -column 8, line 1; figure 1A	1-5,7,9, 11-13, 15,17, 26,29, 30,34
X	EP 0 736 989 A (ROOSTER LTD) 9 October 1996 (1996-10-09) abstract column 4, line 40 -column 5, line 20 column 7, line 3 - line 40 column 8, line 36 -column 9, line 21 column 9, line 54 -column 10, line 13	1-5,7,9, 11-13, 15,16, 26-30,34
Y		10,14
X	US 5 737 400 A (BAGCHI DEBASHIS ET AL) 7 April 1998 (1998-04-07)	22
Y	abstract column 6, line 39 - line 50 column 9, line 29 - line 56 column 10, line 31 - line 40; figure 8	10,14, 18,19, 21,23-25
A	US 5 809 118 A (VESEL RICHARD ET AL) 15 September 1998 (1998-09-15) abstract column 4, line 43 - line 48 column 5, line 25 - line 55 column 8, line 47 -column 9, line 2 column 14, line 1 - line 51 claims 1E,15	16,17, 25-28,34

INTERNATIONAL SEARCH REPORT

Inter Application No

PCT/EP 01/09988

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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EP 0836301	A	15-04-1998	US 5905777 A CA 2213889 A1 EP 0836301 A1 JP 10124417 A	18-05-1999 27-03-1998 15-04-1998 15-05-1998
EP 0736989	A	09-10-1996	EP 0736989 A2 JP 9121226 A US 5850519 A	09-10-1996 06-05-1997 15-12-1998
US 5737400	A	07-04-1998	AU 2138097 A EP 0878083 A1 JP 2000505631 T WO 9732425 A1	16-09-1997 18-11-1998 09-05-2000 04-09-1997
US 5809118	A	15-09-1998	CA 2205693 A1	30-11-1997

Sheet No. 4/1

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
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This declaration is directed to the international application of which it forms a part (if filing declaration with application).

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Prior Applications: NL 1016053 30/08/2000; NL 1016167 13/09/2000; NL 1017189 24/01/01

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

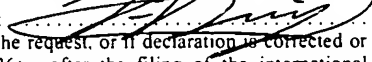
Name: SNIP Jan Gerard

Residence: ~~Van der Capellestraat 22, 2503 XD The Hague, The Netherlands~~ J.A. de GRAVENH. 40
 (city and either US state, if applicable, or country) 2381 TC Zoeterwoude - Dorp

Mailing Address: p.O. Box 95321

2509 CH The Hague, The Netherlands

Citizenship: The Netherlands

Inventor's Signature: 
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Date: 3-9-2001
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

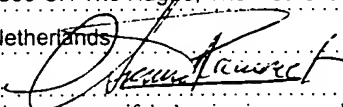
Name: Rancuret Arnoldus Johannes Paulus

Residence: Hugo de Grootstraat 72, 2518 EG The Hague, The Netherlands
 (city and either US state, if applicable, or country)

Mailing Address: p.O. Box 95321

2509 CH The Hague, The Netherlands

Citizenship: The Netherlands

Inventor's Signature: 
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Date: 24/09/2001
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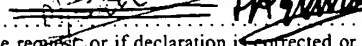
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: VAN DE VLAG Hendrik Antonius Bernard

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Mailing Address: p.O. Box 95321
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Citizenship: The Netherlands

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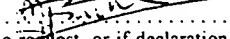
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Name: BASTIAANSEN Marc-Jan

Residence: Oscarinalaan 398, 2287 RM RIJSWIJK, The Netherlands
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 2509 CH The Hague, The Netherlands

Citizenship: The Netherlands

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Date: 10 sept 2001
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0 9 . 10 . 2001

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This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

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Prior Applications: NL 1016053 30/08/2000; NL 1016167 13/09/2000; NL 1017189 24/01/01

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

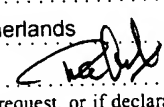
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Date: sept. 24, 2001
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☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".